Stephanie Lage

https://steph-rage.github.io   https://github.com/steph-rage

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PROJECTS

Teacher's Aide website:

https://github.com/steph-rage/TeachersAideWebsite Created a website using a Python socket server which allows teachers to create and edit tests. Built without the use of a framework; uses http in Python, Jinja2, HTML/CSS, JSON, regex, and cookies.

Secret Santa Python app:

https://github.com/steph-rage/Secret_santa Built a Python command line tool which assigns secret santa buddies to participants, based on constraints. Uses Google Drive API to read and process participant information from a Google Sheet.

Battery monitor program:

https://github.com/steph-rage/Battery_warning.sh Wrote a bash script which, when saved into cron in Linux, monitors battery life and creates a custom pop-up message when the laptop battery becomes low. Uses crontab and regular expressions.

Sieve of Eratothenes visualizer:

http://steph-rage.github.io/Sieve Made a website which displays the prime numbers in a list by eliminating non-primes when clicked. Uses Javascript, JQuery, HTML and CSS.

SKILLS
(in order of experience)

Python / Flask

Linux

HTML / CSS

JavaScript

C / C++

LaTeX

EDUCATION

University of Colorado,
Boulder, CO

— *Graduate study in Mathematics*

May 2007 - December 2009

Washington State University,
Pullman, WA

— *Bachelor of Science in Mathematics and Physics*

August 2002 - May 2007

Minor in Chemistry

Graduated *cum laude*

EXPERIENCE

Recurse Center, New York, NY — *Participant*
November 2016 - February 2017

- Focused on learning Python, Linux, and web development
- Built Python programs and websites during a three month retreat

Bastrop ISD, Bastrop, TX — *High School Math/Science Teacher*
August 2013 - August 2016

- Led classrooms of 10 - 30 students in learning chemistry, physics, algebra, and precalculus
- Created lesson plans, helped students of all levels understand these traditionally difficult subjects